

# K. Sreenivas



## **Contact Information:**

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## **Current Status:**

- Project Assistant

## **Academic Background:**

- M.Sc in Polymer Science, Sri Krishnadevaraya University, Anantapur, INDIA, 2008

## **Research Interest:**

- Organic and inorganic hybrid nano-materials and their surface modification.
- Flow induced crystallization of polymer melts
- Characterization of microstructure and morphology of polymers
- Crystalline morphology of polyolefins
- Self assembly of nanoparticles.
- Nanocomposites

## **Experience:**

- 2009 – Current: Project assistant; NCL, Pune, INDIA. Flow induced crystallization behaviour of RCP iPP and orientation development, Self assemblies and SAXS.
- 2008: M.Sc project fellow; NCL, Pune, INDIA. Nanoparticles based nucleating agents for Polypropylene: synthesis and characterization of nanosilica particles. For this; preparation and surface modification of SiO<sub>2</sub> nanoparticles and their nucleation effects on polymer matrix. TGA, FTIR, DSC, SEM and POM.

## **Achievements:**

- 2008: Second rank in M.Sc, Sri Krishnadevaraya University, Anantapur, India.

## **Hobbies:**

- Reading books, playing cricket and chess.